



Arbovirus Surveillance Program
Massachusetts Department of Public Health
Infectious Diseases Laboratory Division
State Laboratory Institute

Date: July 14, 2000

Mosquito trapping continued at sixteen regular long-term sites in Plymouth, Bristol, Norfolk, Middlesex and eastern Worcester Counties. Sites in Boston, Northampton, Springfield, and Greenfield were also trapped with CDC-light and gravid traps. In addition, mosquito control projects throughout the state are submitting mosquitoes to the laboratory for virus testing. One pool of *Culex pipiens*, trapped in Boston on June 29, tested positive for Highlands J virus (HJV). HJV is an arbovirus that has not been found to cause human disease. In twenty-nine of the last thirty years the surveillance program has isolated HJV from mosquitoes trapped in Massachusetts.

To date, all dead birds submitted for testing have been negative for virus.

Weekly arbovirus reports and information material on WNV and eastern equine encephalitis virus (EEEV) can be accessed at <http://www.state.ma.us/dph>.

<p>Total number of mosquitoes analyzed to date: 3482 Total number of virus isolates identified: 1 HJV</p>

Mosquito Surveillance Report

07/09/2000 to 07/14/2000

<i>Site</i>	<i>Cs mel</i>	<i>Cq per</i>	<i>Ae can</i>	<i>Ae vex</i>	<i>Cx pip</i>	<i>Cx other</i>	<i>Other Sp</i>	<i>EEEV</i>	<i>HJV</i>	<i>WNV</i>
Boston	0	0	0	0	0	0	0	0	0	0
Brockton	2	11	1	0	1	0	0	0	0	0
Canton	0	12	0	0	0	7	0	0	0	0
Carver	1	11	0	1	0	3	0	0	0	0
Easton	18	7	34	0	1	7	0	0	0	0
Foxboro	5	19	4	0	0	0	0	0	0	0
Greenfield	0	0	0	0	0	0	0	0	0	0
Halifax	9	2	1	0	0	2	0	0	0	0
Hanover	7	0	0	0	0	0	0	0	0	0
Holliston	7	4	1	1	0	0	0	0	0	0
Kingston	15	5	0	0	1	3	0	0	0	0
Lakeville	0	0	0	0	1	0	0	0	0	0
New Bedford	4	2	4	0	0	0	0	0	0	0
Northampton	0	0	0	0	0	0	0	0	0	0
Raynham	5	3	0	1	3	0	0	0	0	0
Rehoboth	1	0	15	3	2	0	0	0	0	0
Springfield	0	0	0	0	0	0	0	0	0	0
Walpole	1	33	1	0	0	0	0	0	0	0
Westboro	13	10	2	0	8	3	0	0	0	0
Westport	0	0	2	0	0	1	0	0	0	0
<i>Total for DPH</i>	88	119	65	6	17	26	0	0	0	0

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Mosquito Surveillance Cumulative Report 05/30/2000 to 07/14/2000

<i>Site</i>	<i>Cs mel</i>	<i>Cq per</i>	<i>Ae can</i>	<i>Ae vex</i>	<i>Cx pip</i>	<i>Cx other</i>	<i>Other Sp</i>	<i>EEEV</i>	<i>HJV</i>	<i>WNV</i>
Boston	0	0	0	0	83	16	0	0	0	0
Brockton	30	17	14	4	2	7	0	0	0	0
Canton	52	20	17	11	9	11	0	0	0	0
Carver	37	79	11	2	1	4	0	0	0	0
Easton	310	17	199	4	39	71	1	0	0	0
Foxboro	137	51	46	9	7	4	0	0	0	0
Greenfield	0	0	0	0	5	0	3	0	0	0
Halifax	328	8	24	2	13	9	5	0	0	0
Hanover	69	0	5	0	3	5	1	0	0	0
Holliston	72	6	76	6	9	21	0	0	0	0
Kingston	139	27	10	3	13	13	0	0	0	0
Lakeville	10	15	6	0	2	0	0	0	0	0
New Bedford	174	2	19	4	46	23	0	0	0	0
Northampton	0	0	1	65	5	1	0	0	0	0
Raynham	54	9	16	5	9	5	15	0	0	0
Rehoboth	30	0	49	9	9	4	0	0	0	0
Springfield	4	3	1	3	7	2	0	0	0	0
Walpole	60	178	21	56	4	1	8	0	0	0
Westboro	35	20	37	9	16	10	2	0	0	0
Westport	20	0	17	2	2	17	2	0	0	0
<i>Total for DPH</i>	1561	452	569	194	284	224	37	0	0	0
Central MA MCD	-	-	-	-	4	19	-	0	0	0
East Middlesex MCD	-	-	-	-	10	27	-	0	0	0
Suffolk County MCD	-	-	-	-	40	22	-	0	1	0
<i>Total for MCD</i>	-	-	-	-	54	68	-	0	1	0